

ABSTRACT OF THE DISCLOSURE

A magnetic encoder (6) which is used in a wheel bearing, that forms a pulse train by means of a magnetic force, and generates a code, comprising a magnetic ring (1), a reinforcing ring (2), and a protecting cover (3). The magnetic ring (1) is fixed to said reinforcing ring (2) and circumferentially magnetized with alternate S poles and N poles. The protecting cover (3) is made of a non-magnetic material and wraps around the magnetic ring (1). A plural number of weld-adhering parts are provided between an end part and/or end parts on a radial inner circumferential side and/or a radial outer circumferential side of the protecting cover (3), and the reinforcing ring (2).